

Patent claims

1. A portable breathing apparatus comprising a face mask (1) having a breathing valve (2), a blower (4) for the supply of breathing air to the breathing valve (2) via a supply line (3), a filter device (7, 8) for cleaning of the breathing air from the blower (4), and a compressed-air container (12) for alternative supply of breathing air to the breathing valve (2), **characterised in that** the breathing valve (2) is a demand valve, that a check valve (9) is arranged on the upstream side of the blower (4), and that the compressed-air reservoir (12) is provided with a pressure control valve (13) for establishing an overpressure in the entire breathing system upstream of the breathing valve (2) and downstream of the check valve (9), so that gas or liquid from the surroundings can not penetrate into the system.

2. A breathing apparatus according to claim 1, **characterised in that** the filter device comprises two filter units (7, 8) connected in parallel.

3. A breathing apparatus according to claim 1 or 2, **characterised in that**, upstream of the breathing valve (2), there is arranged a bellows (11) constituting an elastic buffer volume which is filled with air from the blower (4) when the breathing valve (2) is closed, and which gives off air if the pressure upstream of the breathing valve (2) falls below a given value.